

www.praterindustries.com
Prater-Sterling Test Facility
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Compaction/Granulation Test Request Form

Date: _____ Assigned AN#: _____ Customer PO # (if applicable): _____

BILL TO (if applicable):

* Company Name: _____
 * Address: _____
 * City, State, Zip _____
 * Phone # (____) _____
 * Fax # (____) _____
 * Contact Name: _____
 * E-mail address: _____

***RETURN MATERIAL TO:**

* _____
 * _____
 * _____
 (____) _____
 (____) _____
 Preferred Carrier: _____
 Account Number: _____

PRE-PROCESS MATERIAL CHARACTERISTICS

* Product Name: _____ Bulk Density: _____ lbs/ cu ft
 * Product Type: _____ Moisture Content: _____ %
 Feed Temperature: _____ (deg C/ deg F) * Fat/ Oil Content: _____ % Corrosive: (YES / NO)
 Explosive: (YES / NO) Abrasive: (NO / MILD / VERY)

***PRE-PROCESS MATERIAL PURITY**

Can a complete chemical analysis be provided: (YES / NO)

If the feed material is Earth mined or a chemical formulation and less than 99.9% pure, all additional components must be listed below:

t Name	MOHS	% of Sample	Name	MOHS	% of sample	Name	MOHS	% of sample
Silica	7							
Alumina	9							
Quartz	7							
Iron	5.5							

COMPACTION/ GRANULATION PROCESS REQUIREMENTS

Test for Compaction/ Granulation to alter particle distribution (YES / NO)

*Production Capacity Required: _____

** Requested Finished Material Particle Size Distribution: **Retained / Passing** (Circle One)

_____ %	_____	(mesh/ micron)
_____ %	_____	(mesh/ micron)
_____ %	_____	(mesh/ micron)
_____ %	_____	(mesh/ micron)
_____ %	_____	(mesh/ micron)
_____ %	_____	(mesh/ micron)

COMPACTION FOR DENSIFICATION PROCESS REQUIREMENTS

Desired Shape (circle if known): Small Almond, Large Almond, Corrugated Sheet, Flat Sheet, Other

Desired Finished Density: _____ to _____

PROCESS PARAMETERS

* Binders (circle if allowed):

Water	_____ % by weight	Latex	_____ % by weight
Calcium Carbonate	_____ % by weight	Starch	_____ % by weight
Molasses	_____ % by weight	Bentonite	_____ % by weight
Hydrated Lime	_____ % by weight	Other _____	_____ % by weight
Corn Syrup	_____ % by weight	Other _____	_____ % by weight

TEST INFORMATION

Amount Sent: _____ (lbs / kg) Control Sample Sent: (YES / NO)

Desired Test Date: _____

Send Test Run Samples: (YES / NO)

Return Material Carrier Preference: (YES/NO) If yes, ship via: _____ Class: _____

*Will you be attending the test? (YES/NO)

Is testing for overall system design or specific system components? _____

Are you interested in Prater Toll Processing? (YES / NO)

Process flow description / requirements:

Signature: _____

Date: _____

- **Required fields**

Terms and Conditions

1. **Prior to any test materials being shipped to Prater-Sterling for testing, this Test Request Form must be completed and returned to Prater-Sterling, along with an MSDS for all non-food materials to be tested**
2. After review of the MSDS and the Test Request Form Prater-Sterling will issue a control number, that must appear on all containers shipped to Prater-Sterling. All test material shipments must include a product MSDS, with the shipment.
3. Prater-Sterling reserves the right to refuse delivery of materials that do not comply with these Terms and Conditions. Refused shipments will be returned collect to the point of origin
4. Shipment's are to be sent pre-paid with the company name and assigned control number clearly visible on the containers(s). **No "Collect" shipments** will be accepted.
5. Failure to complete the required fields on the Test Request Form will delay testing.
6. Test material must be shipped in reusable containers for return shipment. If suitable containers are not provided, Prater-Sterling will require a Purchase Order for \$22.00 for each 200 pounds of test material sent to cover the cost of repackaging in 55-gallon fiber drums. **The test will not be scheduled until receipt of the Purchase Order**
7. All test materials will be returned best way, collect at the completion of the testing, unless a preferred carrier is listed above.
8. **Tests will not be scheduled until all required paperwork has been reviewed and the test material has arrived at Prater's Test Facility.**
9. Because of the number of tests conducted and the variety of materials processed, Prater Industries cannot guarantee purity of returned test material.
10. **Returned test materials are not suitable for human consumption.**
11. Test data generated during testing is the property of Prater-Sterling, who claims proprietary rights. It is issued in confidence in connection with our work for verifying the performance of the Prater-Sterling equipment with respect to the material tested. The test data may not be reproduced in any manner or submitted to outside parties for examination or used directly or indirectly without written consent from Prater-Sterling.

Acceptance:

I accept the Terms and Conditions for testing performed by Prater-Sterling

Signed: _____

Date: _____